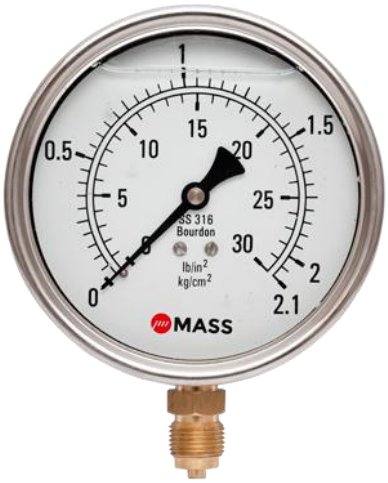
Liquid filled gauges
Model GFB

Nominal size 63mm, 100mm
Accuracy: Class 1.6 (1.6%)



Features

- Twin o-ring design for leak tight enclosure
- Protection IP65
- Usable to full scale
- Overload protection 130 %
- Measuring tubes SS316 / PB
- Minimized pulsation, Vibration and pointer flittering due to dampening effect

Ranges

-1 ... 0 kg/cm^2 up to 0 ... 400 kg/cm^2
-30 in. Hg ... 0 psi up to 0 ... 6,000 psi

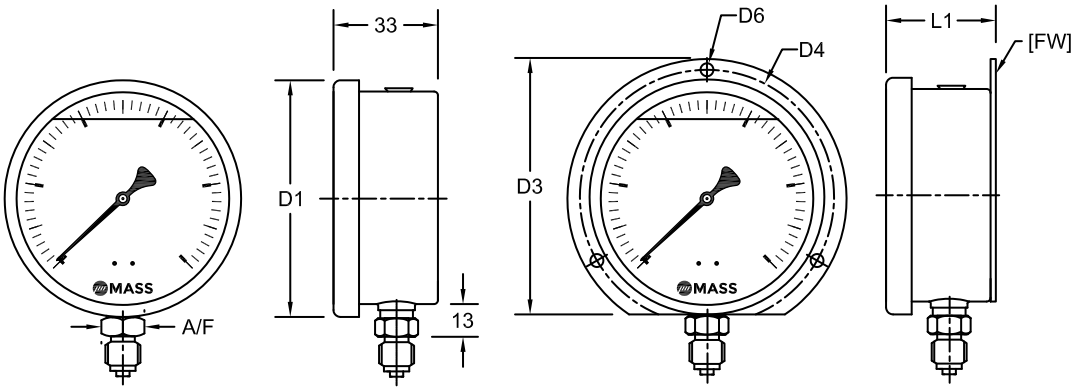
Applications

Power packs
Hydraulic machinery
Pumps
Other vibration applications

Technical specification	**GFB**	
Dial size in mm	63	100
Construction	Open front cylindrical case with crimp type bezel ring	
Measuring principle Range in kg/cm2 Overpressure limit Pressure type	Bourdon tube 1 1.6 2.5 4 6 10 16 25 40 60 100 160 250 400 -1/0 -1/0.6 -1/1.5 -1/3 -1/5 -1/9 -1/15 -1/24 130 % F.S., short time. Gauge, vacuum and compound	
Process connection	1/8” 1/4” BSP / NPT (M)	1/4” 3/8” 1/2” BSP / NPT (M)
Connection location	Lower, back	
Material Pressure connection Tube Case/bayonet ring Window Dial Pointer Movement	 Brass SS 316/ Phosphorous Bronze below 6 kg/cm2, Brass Stainless steel 304 Acrylic glass Aluminum, black markings on white background Plastic, Black	 Aluminum, black
Accuracy	Class 1.6 (1.6% F.S)	
Permissible Ambient temperature Medium temperature Storage temperature Effect	 -25 ... 60 °C Max. 100 °C -40 ... 60 °C Max. 0,3 % / 10 K	
Protection according	IP65	
Filling liquids	Glycerin, silicone, others on request	
Mounting	Standard stem, optional panel, bracket, surface or others on request	
Weight with liquid filling in kg	0.22	0.48

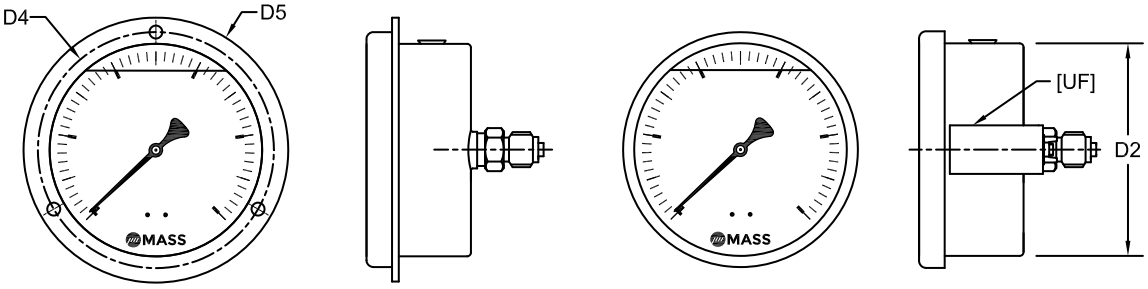
All specifications are subject to change without notice.

General dimensions in mm



Lower Connection Direct Mounting

Lower Connection Surface Mounting



Back Connection Front Panel Mounting

Back Connection U-Clamp Mounting

Dial Size	63	100
ØD1	67.7	108
ØD2	61.6	98.6
D3	78	122
D4	75	118
D5	85	132
D6	3.6	6
L1	36	37

Thread Size	A/F
⅛"	14
¼"	14
⅜"	17
½"	22

Order information

Size	Type	System material	Execution	Process connection	Connection orientation	Range	Engineering units	Filling material	Options
(63) 63 mm **(100)** 100 mm	**GFB**	**(B)** Socket Brass, Tube SS316 [2]	**(L)** IP 65	**(04)** 1/2" NPT (M)[1] **(03)** 3/8" NPT (M)[1] **(02)** 1/4" NPT (M) **(01)** 1/8" NPT (M) **(15)** 1/2" BSP(M)[1] **(14)** 3/8"BSP(M)[1] **(13)** 1/4" BSP(M) **(12)** 1/8" BSP(M) **(16)** M20x1.5(M)[1] Others on request	**(L)** Lower **(C)** Center back	**-1/ 0**[2] **-1/ 0.6**[2] **-1/ 1.5**[2] **-1/ 3**[2] **-1/ 5**[2] **-1/ 9** **-1/ 15** **-1/ 24** **0/ 1**[2] **0/ 1.6**[2] **0/ 2.5**[2] **0/ 4**[2] **0/ 6**[2] **0/ 10** **0/ 16** **0/ 25** **0/ 40** **0/ 60** **0/ 100** **0/ 160** **0/ 250** **0/ 400**	(kg/cm2) psi and others on request	**(=)** No filling **(GV)** Silicone **(GR)** Glycerin	**(NH)** Tagging wired **(DA)** Dial Marking **(CS)** Dual Scale **(FX)** Front panel **(FW)** Surface plate **(UF)** U-clamp

1) Not for 63mm 2) Tube material Phosphorous Bronze for range below 6 kg/cm2

How to order

Size	Type	System material	Execution	Process connection	Connection orientation	Range	Engineering unit	Filling/case material	Option
63	GFB	B	L	02	L	0/16	KG/CM2	=	NH

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